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PROCEEDINGS
OF THE
ACADEMY OF NATURAL SCIENCES
OF PHILADELPHIA.

VOL. III. NOV. AND DEC., 1847. No. 12.

Stated Meeting Nov. 2, 1847.

VICE PRESIDENT MORTON in the Chair.

DONATIONS TO MUSEUM.

A living specimen of *Ursus Americanus*, from Chicago, Michigan, and a specimen in spirits of *Salamandra venenosa*, from Michigan. Presented by Mr. Lewis J. Germain.

Numerous specimens, in spirits, of Coleopterous insects; also *Achatina perdrix*, and a serpent of large size, probably new, from Africa. Presented by Rev. T. S. Savage.

Fine specimen of *Squilla* ———, from the West India coast. From Captain H. S. Baker.

Stigmaria ———, from Lycoming county, Pennsylvania. From Mr. J. R. Pollock, of Philadelphia.

Several varieties of Copper Ore, from the Flemington Copper Mine, N. J. From Peter A. Browne, Esq.

Dr. Morton deposited six elongated heads of old Peruvians, from the Tombs at Areca, another similar one through Dr. Dickeson, and the head of a Mexican officer slain in one of the recent engagements.

DONATIONS TO LIBRARY.

- Fauna der Vorwelt mit steter Berücksichtigung der lebenden
Thiere-Monographisch dargestellt von Dr. C. G. Giebel.
8vo. Leipzig, 1847. From Mr. John Lambert.
- Resultate geologischer, anatomischer, und zoologischer unter-
suchungen über das unter dem namen Hydrarchos, von
Dr. A. C. Koch, zuerst nach Europa gebrachte und in Dres-
den ausgestellte grosse fossile skelett. Von Dr. C. G.
Carus, &c. Folio. Dresden und Leipzig, 1847. From the
same.
- Results of Astronomical observations, made during the years
1834-5-6-7 and 8, at the Cape of Good Hope. By Sir
John F. W. Herschel. 4to. London, 1847. From the
Duke of Northumberland, through the Author.
- Oken's Isis. Nos. 5 and 6, for 1847. Deposited by Dr.
Wilson.
- An attempt to discover some of the laws which govern
animal torpidity and hybernation. By Peter A. Browne,
LL. D. 8vo. pamphlet. Philadelphia, 1847. From the
Author.
- D. R. E. Griffith deposited the following large collection of
works :
- The elements of experimental Chemistry. By Wm. Henry,
M. D. Fourth American edition. 8vo. Philadelphia.
1847.
- Tabula affinitatum animalium, &c. Auctore Johanne Her-
mann, M. D. 4to. 1783.
- A Dictionary of Chemistry. By William Nicholson. 2 vols.
4to. London, 1795.
- The Cabinet of Natural History, and American rural sports,
with illustrations. 2 vols. 4to. Philadelphia, 1830, '32.
- The Universal Gardener and Botanist, or a general dictionary
of Gardening and Botany. By Thomas Mawe and John
Abercrombie. 2nd edition. 4to. London, 1797.
- The Theory of the Earth : containing an account of the origin

of the Earth, and of all the general changes which it hath undergone, or is to undergo 'till the consummation of all things. Folio. London, 1684.

Mélanges intéressans et curieux, ou abrégé d'histoire naturelle, morale, civile, et politique de l'Asie, l'Afrique, l'Amerique. et des terres polaires: par M. R. D. S * *. 5 vols. 12mo. Paris, 1763.

Mélanges d'histoire naturelle: par M. A. D. 2 vols. 12mo. A. Lyon. 1763.

Physionomies nationales des Peuples, ou les traites de leur visage comparée à leur mœurs et caracteres. 12mo. Paris.

Historie naturelle des animaux par Plin. Traduction nouvelle avec le text en regard, par P. C. B. Gueroult. 3 vols. 8vo. Paris, 1802.

An historical disquisition on the Mammoth, and other tracts on Natural History, in one vol. 8vo.

Fossils arranged according to their obvious characters, with their history and descriptions, &c. By J. Hill, M. D. 8vo. London, 1781.

Familiar letters to Henry Clay, of Kentucky, describing a winter in the West Indies. By Joseph John Gurney. 8vo. New York, 1840.

The Philosophy of Natural History. By William Smellie. 8vo. Philadelphia, 1791.

Chemical manipulation, being instructions to Students in Chemistry, &c. By Michael Faraday, F. R. S., &c. First American from last London edition. Edited by J. K. Mitchell, M. D. 8vo. Philadelphia, 1831.

The Economy of Nature, explained and illustrated on the principles of modern Philosophy. By G. Gregory, D. D. 3 vols. 8vo. London, 1796.

A System of Chemistry of inorganic bodies. By Thomas Thomson, M. D. 7th edition. 2 vols. 8vo. London and Edinburgh, 1831.

A system of Vegetables, according to their classes, genera, &c., in 2 vols. 8vo. Translated from Murray's Edition of

- Linnæus' *Systema Vegetabilium*. By a Botanical Society at Litchfield. Litchfield, 1793.
- Animal Chemistry, with reference to the Physiology and Pathology of Man. By J. Franz Simon. Translated and edited by George E. Day, M. A. 8vo. Philadelphia, 1845.
- Memoirs of the Life of Dr. Darwin. By Anna Seward. 8vo. Philadelphia, 1804.
- Zoonomia, or the laws of organic life. By Erasmus Darwin, M. D. 2 vols. 8vo. New York, 1796.
- Principes de Physiologie, ou introduction à la science expérimentale, philosophique, et médicale de l'homme vivant. Par Charles Louis Dumas. 2d edition. 4 vols. 8vo. Paris, 1806.
- Concours sur l'acétification de l'Alcool; question proposée par la Société de Pharmacie de Paris. 8vo. Paris, 1838.
- Observations on the Climate in different parts of America, compared with the climate in corresponding parts of the other continent, &c. By Hugh Williamson, M. D. 8vo. New York. 1811.
- Manuel du fabricant de produits chimiques, &c.: par M. L. S. Thillaye. 2 vols. 12mo. Paris, 1829.
- Georg. Casp. Kirchmaieri de Paradiso, &c. 12mo. 1662.
- Arcana of Science and Art, or an annual register of useful inventions and improvements, &c. 2 vols. 12mo. London, 1837-8.
- The Year Book of Facts in Science and Art, &c. By the editor of the Arcana of Science. 12mo. London, 1839.
- A practical Essay on the analysis of Minerals. By Frederick Accum. 1st American edition. 12mo. Philada., 1809.
- The Young Chemist's Pocket Companion. By James Woodhouse, M. D. 12mo. Philada., 1797.
- The Chemical Pocket Book. By James Parkinson. With an Appendix, by James Woodhouse, M. D. 12mo. Philada., 1802.
- Outlines of Medical Botany. By Hugo Reid. 2d edition 12 mo. Edinburgh, 1829.

- A popular treatise on Vegetable Physiology. 8vo. Philada. 1842.
- Organic Chemistry in its applications to Agriculture and Physiology. By Justus Liebig, M. D. ; edited by Lyons Playfair, M. D. 1st American edition, by John W. Webster, M. D. 8vo. Cambridge, 1841.
- Expériences pour servir a l'histoire de la génération des animaux et des plantes. Par M. l'Abbe Spallanzani. 3 vols. 8vo. Paris, 1787.
- The Bridgewater Treatises. Treatise IV. The Hand, its mechanism and vital endowments. By Sir Charles Bell, F. R. S. &c. 12mo. Philada. 1833.
- The Contemplation of Nature, translated from the French of C. Bonnet. 2 vols. 12mo. London: 1766.
- A Classical Tour through Italy, in 1803. By the Rev. John Chetwood Eustace. 4th edition. 4 vols., 8vo. Leghorn: 1818.
- An introduction to the Science of Botany, chiefly extracted from the works of Linnæus. By the late James Lee. 4th edition. 8vo. London: 1810.
- A manual of Analytical Chemistry. By Henry Rose. Translated from the German, by John Griffin. 8vo. London: 1831.
- An epitome of Chymical Philosophy. By James Freeman Dana. 8vo. Concord, N. H., 1825.
- Nouveau système de Chimie organique, fondé sur des méthodes nouvelles d'observation. Par F. V. Raspail. 8vo. Paris: 1833.
- Museum Calonnianum. Specification of the various articles which compose the magnificent Museum of Natural History, collected by M. de Calonne, in France. 8vo. London: 1797.
- Rambles in Europe in 1839, &c. By William Gibson, M. D., 12mo. Philada. : 1841.
- An expedition of discovery into the interior of Africa, through the hitherto undescribed countries of the great Namaquas,

Boschmans and Hill Damaras; conducted by Jas. Edward Alexander, K. S. S. 2vols. 12mo. Philada. 1838.

Dr. Morton read an extract from a letter from Dr. Falconer, of the East India Company, in relation to some casts of valuable Sivalik Fossils, which he stated could be obtained by the Academy from the East India House upon applying to the latter through the American Minister at London. The application was accordingly ordered to be made through the Corresponding Secretary.

Dr. Dickeson made some observations on the mode of compression of the cranium in use among the Choctaw Indians, and the supposed object of the same.

Stated Meeting, Nov. 9, 1847.

Vice President MORTON in the Chair.

DONATIONS TO MUSEUM.

Dr. Wilson presented the following mounted Mammalia:—

Semnopithecus comatus, (2 specimens,) Ateles pentadactylus? (2 specimens,) Cercopithecus pithecia, C. cynomolgus, Inuus nemistrinus, Cebus apella, Lemur ———, Harpale rufimanus, Heazus tardigradus, Viverra mellivora, V. ———, (5 specimens,) Mustela zorilla, M. Hernani, M. erminea, Gulo orientalis, Tapirus——, Dasypus tricinctus, Sciurus palmarum, S. plantani, S. melanotus, S. Bergianus, S. omnicolor, (2 specimens,) S. ———, Pteromys sagitta, P. ———, Hylagale Javanica, (2 specimens,) Pteropus minimus, P. edulis, Galeopithecus variegatus, Vespertilio serotinus, V. pipistrellus, V. auritus, V. pictus, V. ——— (2 specimens,) Sorex araneus, and four Marsupialia. Also the following Saurians:—Polychrus marmoratus, Tejus